

CLAIMS

WHAT IS CLAIMED IS:

1. A method for connecting a lead frame having first  
5 and second connections to a light emitting device for enabling  
illumination comprising the steps of  
    providing a light emitting device having a first and a  
second terminal,  
    providing a semiconductor based sub-mount having a  
10 topside and an underside,  
    electrically coupling the first terminal of the light  
emitting device to one of the first and second connections via a  
first single wire bond,  
    electrically coupling the first single wire bond to  
15 the topside,  
    electrically coupling the second terminal of the light  
emitting device to the other of the first and second connections  
when the second terminal is connected to the topside, and  
    providing electrostatic discharge protection circuitry  
20 in the region of the submount where the first terminal is  
connected.